

Front Seat - RAV4

Diagram illustrating the components and assembly points for a car seat, including:

- w/ Seat Heater: Seat Heater
- Seatback Pad
- Headrest
- Headrest Support
- Seatback Cover
- Hog Ring
- Seatback Frame
- Seat Cushion Cover
- Hog Ring
- Seat Cushion Pad
- w/ Seat Heater: Seat Heater
- Front Seat Inner Belt
- Front Seat Cushion Inner Shield
- 42 (430, 31)
- Front Seat Cushion Lower Shield
- LH Reclining Adjuster Inside Shield
- RH Reclining Adjuster Inside Shield
- Driver's seat only: Seat Position Airbag Sensor
- 8.0 (82, 71 in. lbf)
- 37 (375, 27)
- Seat Adjuster Assy
- Seat Track Adjusting Handle
- 37 (375, 27)
- Reclining Release Handle
- Snap Ring
- Front Seat Cushion Outer Shield
- Vertical Adjuster Knob
- Front Seat Cushion Outer Lower Shield

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Fig. 1: Identifying Front Seat Components & Torque Specifications
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

FRONT SEAT ASSEMBLY

REMOVAL

CAUTION:

- Wear safety gloves, because the cutting surface of the seatback frame and seat adjuster may injure your hand.
- Work must be started at least 90 seconds after the ignition switch is turned to the LOCK position and the negative (-) terminal cable is disconnected from the battery.

(The SRS is equipped with a back-up power source. If work is started within 90 seconds after disconnecting the negative (-) terminal cable of the battery, the SRS may deploy.)

HINT:

A bolt without a torque specification is shown in the standard bolt chart (see **SPECIFIED TORQUE FOR STANDARD BOLTS**).

Remove the 4 bolts and front seat.

NOTE: Be careful not to damage the body.

DISASSEMBLY

1. **REMOVE HEADREST**
2. **REMOVE VERTICAL ADJUSTER KNOB**

Using a screwdriver, pry out the snap ring and remove vertical adjuster knob.

HINT:

Tape the screwdriver tip before use.

3. **REMOVE RECLINING ADJUSTER RELEASE HANDLE**

Using a screwdriver, pry out the release handle.

HINT:

Tape the screwdriver tip before use.

4. **REMOVE FRONT SEAT CUSHION OUTER SHIELD**

Remove the 3 screws, cushion outer shield and cushion outer lower shield.

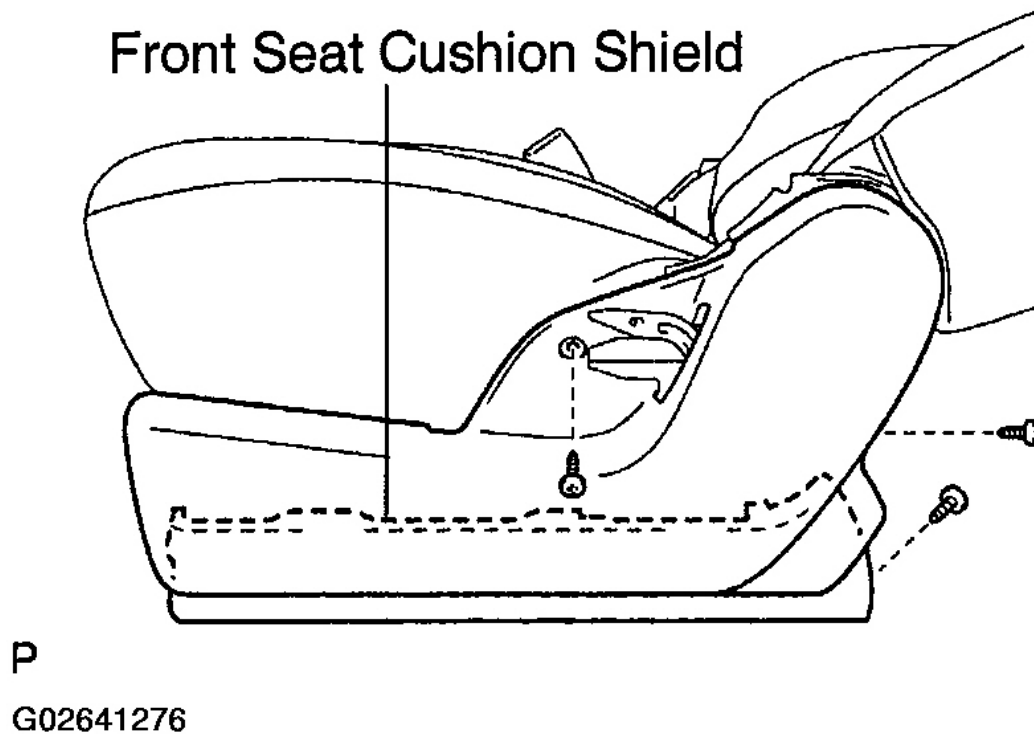


Fig. 2: Removing Front Seat Cushion Outer Shield
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

5. REMOVE FRONT SEAT CUSHION INNER SHIELD

Remove the 2 screws and cushion inner shield.

6. REMOVE FRONT SEAT INNER BELT

Remove the bolt and inner belt.

7. REMOVE SEATBACK ASSEMBLY

- a. Remove the hog rings.
- b. Turn over the seatback cover.
- c. Remove the 4 bolts and the seatback assembly.
- d. w/ Seat heater: Disconnect the connector.

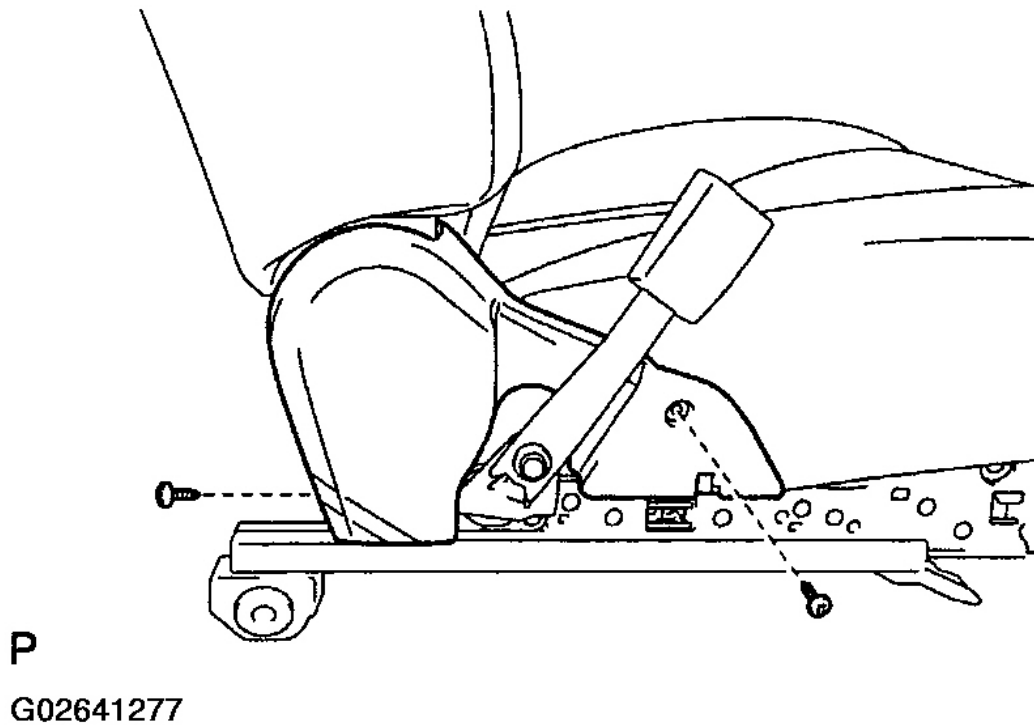


Fig. 3: Removing Front Seat Cushion Inner Shield
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

8. REMOVE SEATBACK COVER

- a. Remove the headrest supports.
- b. w/ Side airbag:

Using a screwdriver, pry out the bracket as shown.

NOTE: Be careful not to damage the airbag.

- c. Remove the seatback cover with pad from the seatback frame.
- d. Remove the hog rings, then remove the seatback cover.

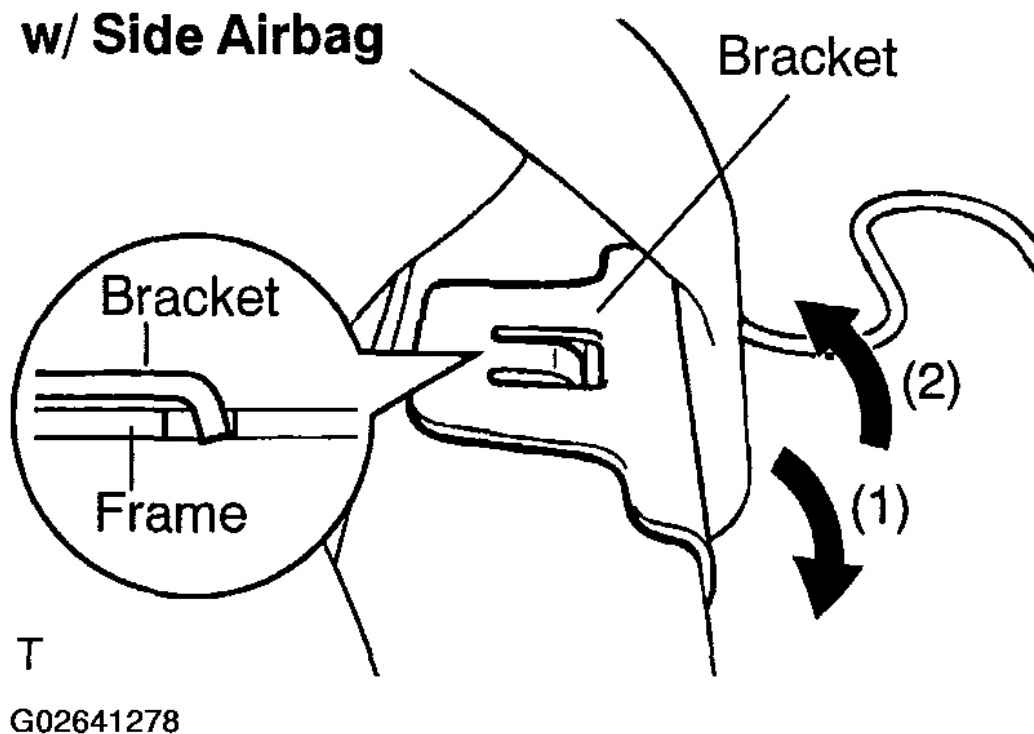


Fig. 4: Removing Seatback Cover

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

9. REMOVE SEAT CUSHION COVER

- a. w/ Seat heater:

Remove the clip from the adjuster assy.

- b. Remove the hog rings, then remove the cushion cover with pad from the adjuster assy.
c. Remove the hog rings, then remove the cushion cover from the pad.

10. REMOVE RH RECLINING ADJUSTER INSIDE SHIELD

Remove the screw and adjuster inside shield.

11. REMOVE LH RECLINING ADJUSTER INSIDE SHIELD

Remove the screw and adjuster inside shield.

12. REMOVE SEAT TRACK ADJUSTING HANDLE

13. REMOVE FRONT SEAT CUSHION LOWER SHIELD

14. Driver's seat only: REMOVE SEAT POSITION AIRBAG SENSOR

Remove the bolt and airbag sensor.

INSPECTION**INSPECT RECLINING LOCK POSITION AND SLIDING LOCK POSITION SLIPPING OFF**

- a. When reclining the seat, inspect that the outer and inner reclining are released at the same time.

HINT:

When the reclining lock positions slip off, disassemble the seat to adjust the positions.

- b. When sliding the seat, inspect that the outer and inner tracks are locked at the same time.

HINT:

When sliding lock positions slip off, and adjust the positions.

REASSEMBLY**1. Driver's seat only: INSTALL SEAT POSITION AIRBAG SENSOR**

Install the airbag sensor with a new bolt.

Torque: 8.0 N.m (82 kgf.cm, 71 in.lbf)

2. INSTALL FRONT SEAT CUSHION LOWER SHIELD**3. INSTALL SEAT TRACK ADJUSTING HANDLE****4. INSTALL RH RECLINING ADJUSTER INSIDE SHIELD**

Install the adjuster inside shield with the screw.

5. INSTALL LH RECLINING ADJUSTER INSIDE SHIELD

Install the adjuster inside shield with the screw.

6. INSTALL SEAT CUSHION COVER

- a. Install the cushion cover to the cushion pad with new hog rings.
b. Install the cushion cover with pad to the adjuster assy with new hog rings.

HINT:

When installing the hog rings, take care to prevent wrinkles as little as possible.

- c. w/ Seat heater:

Install the clip to the adjuster assy.

7. INSTALL SEATBACK COVER

- a. Install the seatback cover to the seatback pad with new hog rings.
- b. Install the seatback cover with pad to the seatback frame.

HINT:

When installing hog rings, take care to prevent wrinkles as little as possible.

- c. w/ Side airbag:

Install the bracket to the seatback frame.

- d. Install the headrest supports.

8. INSTALL SEATBACK ASSEMBLY

- a. w/ Seat heater:

Connect the connector.

- b. Install the seatback assembly and tighten the 4 bolts temporarily, starting from the front side bolt on the outer side tighten them completely.

Torque: 44 N.m (440 kgf.cm, 32 ft.lbf)

- c. Install the seatback assembly to the seat adjusters assy with new hog rings.

HINT:

When installing hog rings, take care to prevent wrinkles as little as possible.

9. INSTALL FRONT SEAT INNER BELT

Install the inner belt with the bolt.

Torque: 42 N.m (430 kgf.cm, 31 ft.lbf)

10. INSTALL FRONT SEAT CUSHION INNER SHIELD

Install the cushion inner shield with the 2 screws.

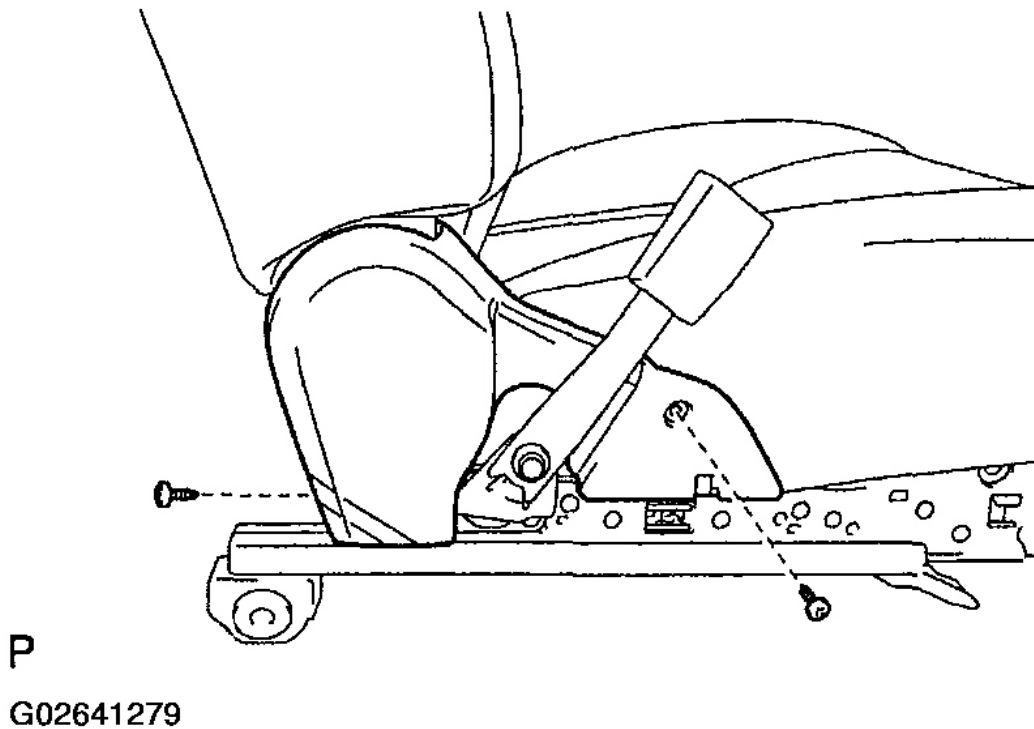


Fig. 5: Installing Front Seat Cushion Inner Shield
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

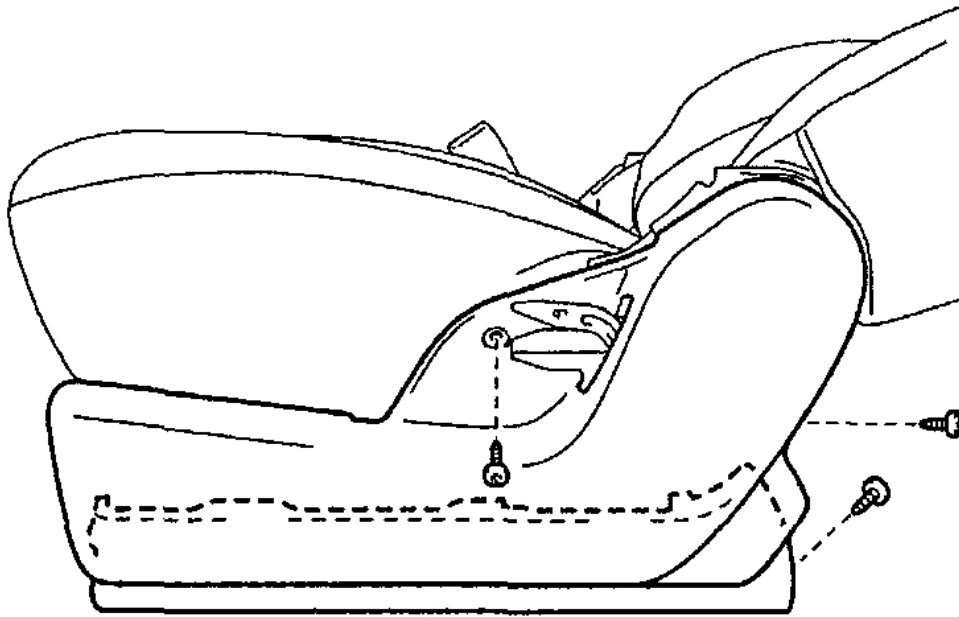
11. INSTALL FRONT SEAT CUSHION OUTER SHIELD

Install the cushion outer shield and Install the cushion outer lower shield with the 3 screws.

12. INSTALL RECLINING ADJUSTER RELEASE HANDLE

13. INSTALL VERTICAL ADJUSTER KNOB

14. INSTALL HEADREST



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Fig. 6: Installing Front Seat Cushion Outer Shield
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSTALLATION

- a. Slide the front seat to the frontmost position.

NOTE: **Make sure that seat adjuster locks.**

- b. Without holding the seat track adjusting handle, mount the seat to the vehicle.

HINT:

If holding the seat track adjusting handle, the adjusted frontmost position will slip off.

- c. Tighten the bolts on the rear side temporarily, tighten them completely starting from the bolt on the inner side.

Torque: 37 N.m (375 kgf.cm, 27 ft.lbf)

- d. Slide the seat to the rearmost position to install the bolts on the front side.

2005 Toyota RAV4
2005 ACCESSORIES & EQUIPMENT Front Seat - RAV4

Torque: 37 N.m (375 kgf.cm, 27 ft.lbf)